



Attorney Ref. 3505-1018
PATENT

IN THE U.S. PATENT AND TRADEMARK OFFICE

In re application of

Mika KORKEAMAKI et al.

Conf. Unknown

Application No. 10/523,935 ✓

Group Unknown

Filed February 7, 2005

METHOD AND DEVICE FOR IDENTIFYING MICRO ORGANISMS

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

May 4, 2005

Sir:

In compliance with Rules 1.97 and 1.98, and in fulfillment of the duty of disclosure under Rule 1.56, the accompanying documents, copies of which are attached to this statement, are made of record on the enclosed sheet.

A concise explanation of the relevance of these items is that these references were discovered during any searches they or their client had made, or that they were considered in the preparation of the application.

Respectfully submitted,

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RJP/mjr
May 4, 2005

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Attorney Docket No.:

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Group Art Unit:

Unknown

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing date (if appropriate)

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	EP 0 347 039	12/1989	Europe				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Zhang, X. , "What determines arthritogenicity of a bacterial cell wall? An Experimental study on the Etiopathogenesis of rheumatoid arthritis using bacteria from normal human intestinal flora", Sarja-Ser. D OSA-Tom. 461 Medica-Odontologica. Turku 2001.
	Amann, R., "Combination of 16S rRNA-Targeted Oligonucleotide Probes with Flow Cytometry for Analyzing Mixed Microbial Populations", <u>Applied and Environmental Microbiology</u> , June 1990, pp. 1919-1925, Vol. 56, No. 6.
	Batard, P. et al., "use of Phycoerthrin and Allophycocyanin for Fluorescence Resonance Energy Transfer Analyzed by Flow Cytometry: Advantages and Limitations", <u>Cytometry</u> , 48: pp. 97-105 (2002).
	Peltonen, Reijo "Studies on Faecal Microecology with reference to Diet, Medication and Rheumatoid Arthritis", Sarja-Ser. D. Medica-Odontologica, Turun Yliopisto, Turku 1994.
	Kalliomaki, Marko, "The Role of Gut Microflora in the Hygiene Hypothesis of Allergy", A Prospective Randomised Clinical Trial with Probiotics in High-risk Children, Sarja-Ser. D OSA-TOM. 434, Turun Yliopisto, Turku 2001.
	Langendijk, et al., "Quantitative Fluorescence in Situ Hybridization of Bifidobacterium spp. With Genus-Specific 16S rRNA-Targeted Probes and Its application in Fecal Samples", <u>Applied and Environmental Microbiology</u> , Aug. 1995, Vol. 61, No. 8, pp. 3069-3075.

EXAMINER:

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

* English language abstract provided for the Examiner's convenience

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U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing date (if appropriate)
	2002/0076743	06-20-2002	Sakai et al.			
	6,165,740	12/26/2000	Fukuda et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	DE 196 08 320	08/1997	Germany			abst.	
	DE 199 45 553	03/2001	Germany			abst.	
	EP 0 337 189	10/1989	Europe			abst.	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Moore, W. et al., "Human Fecal Flora: The Normal Flora of 20 Japanese-Hawaiians", <u>Applied Microbiology</u> , May 1974, Vol. 27, No. 5, pp. 961-979.
	Harmsen, H. et al., "Extensive Set of 16SrRNA-Based Probes for Detection of Bacteria in Human Feces", <u>Applied and Environmental Microbiology</u> , June 2002, Vol. 68, No. 6, pp. 2982-2990
	Amann, R. et al., "Phylogenetic Identification and In Situ Detection of Individual Microbial Cells without Cultivation", <u>Microbiological Reviews</u> , Vol. 59, No. 1, Mar. 1995, p. 143-169.
	Lerner, B. et al., "Automatic Signal Classification in Fluorescence In Situ Hybridization Images", <u>Cytometry</u> , 43: pp. 87-93 (2001).
	Davey, H. et al., "Flow Cytometry and Cell Sorting of Heterogeneous Microbial Populations: the Importance of Single-Cell Analyses", <u>Microbiological Reviews</u> , Vol. 60, No. 4, Dec. 1996, p. 641-595.
	Shapiro, H. M., "Multiparameter Flow Cytometry of Bacteria: Implications for Diagnostics and Therapeutics", <u>Cytometry</u> 43: pp. 223-226 (2001).
	Chitarra, L. et al., "Detection of the Plant Pathogenic Bacterium <i>Xanthomonas campestris</i> pv. <i>campestris</i> in Seed Extracts of <i>Brassica</i> sp. Applying Fluorescent Antibodies and Flow Cytometry", <u>Cytometry</u> 47: pp. 118-126 (2002).

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